



SolarTech Power Solutions

MW-level all-vanadium redox flow battery project



Overview

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Dalian-headquartered Rongke Power has completed the construction of the 175 MW/700 MWh vanadium flow battery project in China, growing its global fleet of utility-scale projects to more than 2 GWh. From ESS News Rongke Power has announced the completion of the 175 MW/700 MWh Xinhua Ushi Energy.

Technology provider Rongke Power has completed a 175MW/700MWh vanadium redox flow battery project in China, the largest of its type in the world. The Dalian and Hong Kong-headquartered company announced the completion of the project on business networking site LinkedIn yesterday (6 December).

The completion of the project demonstrates the viability of large-scale vanadium flow battery systems for long-duration applications. A firm in China has announced the successful completion of world's largest vanadium flow battery project – a 175 megawatt (MW) / 700 megawatt-hour (MWh) energy.

Rongke Power (RKP) has announced the successful completion of the Xinhua Power Generation Wushi project, the world's largest vanadium flow battery (VFB) installation. Located in Wushi, China, the system is set to be connected

to the grid by end of December 2024, underscoring the transformative.

Sumitomo Electric participated in Flow Batteries North America 2025 in Chicago, where we shared the latest updates on our Vanadium Redox Flow Battery (VRFB) projects in California. Download the presentation materials to learn how VRFB technology is enabling long-duration, safe, and reliable energy.

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